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Docket No. 65340/JEW/GJG 1636

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicants : Jason Francis Conaty, Philip Hendry and  
Trevor John Lockett  
Serial No. : 09/887,880  
Filed : June 22, 2001  
For : MINIRIBOZYMES ACTIVE AT LOW MAGNESIUM ION  
CONCENTRATES

1185 Avenue of the Americas  
New York, New York 10036  
November 30, 2001

U.S. Patent and Trademark Office  
P.O. Box 2327  
Arlington, Virginia 22202

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with their duty of disclosure under 37 C.F.R. \$1.56, applicants direct the Examiner's attention to the following references which are listed on the PTO-1449 form attached hereto as **Exhibit A**. Copies of these references are attached hereto as **Exhibits 1-10** respectively.

1. WO 94/13688, Jennings, Philip A., McCall, Maxine J., and Hendry, P. (1994) (**Exhibit 1**)
2. WO 95/31541, Stinchcomb, Dan T., Draper, Kenneth, McSwiggen, J., Jarvis, T. (1995) (**Exhibit 2**)
3. WO 96/40906, McCall, Maxine J., Hendry, P., Lockett, T. (1996) (**Exhibit 3**)

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4. WO 97/15662, Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J. (1997) **(Exhibit 4)**
5. WO 98/50530, Jarvis, T., Matulic-Adamic, J., Reynolds, M., Kisich, K., and Bellon, L. (1998) **(Exhibit 5)**
6. WO 98/32843, Michael, G., McSwiggen, J. (1998) **(Exhibit 6)**
7. Conaty, J., Hendry, P., and Lockett, T. (1999). "Selected classes of minimised hammerhead ribozyme have very high cleavage rates at low  $Mg^{2+}$  concentration". *Nucleic Acids Research* 27:(11) 2400-2407. **(Exhibit 7)**
8. Goodchild, J. and Kohli, V. (1991). "Ribozymes That Cleave an RNA Sequence from Human Immunodeficiency Virus: The Effect of Flanking Sequence on Rate<sup>1</sup>". *Archives of Biochemistry and Biophysics* 284:(2) 386-391. **(Exhibit 8)**
9. Long, D.M. and Uhlenbeck, Olke C. (1994). "Kinetic Characterization of intramolecular and intermolecular hammerhead RNAs with stem II deletions". *Proc. Natl. Acad. Sci. USA* 91: 6977-6981. **(Exhibit 9)**
10. International Search Report, February 23, 2000 **(Exhibit 10)**

If a telephone interview would be of assistance in advancing prosecution of the subject application, applicants' undersigned attorney invites the Examiner to telephone at the number provided below.

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No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if any fee is required in connection with the filing of this Information Disclosure Statement, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 03-3125.

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Respectfully submitted,

I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, Virginia 22202.

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